

**JAGABANDHU SETHI**

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**CAREER OBJECTIVE**

Seeking the role of Mechanical Engineer Fresher where I can fully utilize my Technical skills, professional skills and provided a professional service to the customer, working employees by applying knowledge and working in a challenging and motivating environment. And to make a significant contribution to the success of the employee and at the same time my individual growth.

**EDUCATION**

Qualifications	Specifications	Institution/Board /University	Percentage % /CGPA	Passing Year DD/MM/YYYY
Matriculation	HSC	Odisha state Board	63.16 %	28/06/2012
10+2	PCM	Odisha state Board	55.33 %	31/05/2014
B.Tech	Mechanical	Gandhi Institute for Education and Technology, Bhubaneswar	70 % Or 7.5 (out of 10)	2016 To 2020

**TECHNICAL SKILLS**

- AUTOCAD-R21, Advance AutoCad-2021
- 2D/3D Modelling On CAD tool CATIA-V 5
- CREO – Parametric
- MACHINING (Milling, Turning, Lathe, basic hand tools, sheet metal fabrication)
- Welding Health and Safety
- Welding Inspection Method
- Introduction to Welding process (GTAW,SMAW,TIG,MIG,SAW, plasma,Spot, Oxyacetylene etc.)
- Machine Designing-1
- Plastic Mould Die designing

**COMPUTER SKILLS**

- Ms Word ,Ms PowerPoint, Ms Excel, Ms Dos
- Java programming fundamental
- Basic C+ programming

**INDUSTRIAL TRAINING/ INTERNSHIP**

- **National Aluminium Company Ltd (NALCO), Odisha**

I have completed my vocational training from NALCO,Koraput. I have visited all major area like stacking process, Reclaiming, Crushing, Grinding, Digestion process, Settling process, Mud washing, Calcination process and Pump Workshop

- **Central tool Room and Training Center, Bhubaneswar**

I have completed my another training program such as Manufacturing and design of a plastic injection mould by using CAD tool such as AutoCad and also learn some machinery process just like Milling, Turning, Lathe, Grinding, Drilling, CNC Milling.

## **ENGINEERING PROJECTS**

- **Designing of a Electric Hydraulic Car Jack by using CAD Tool CATIA-V 5 (During 5<sup>th</sup> sem)**

The invention and design is related to hydraulic Jack and specifically to an automatically car Jack system. It is also on object of invention to provide novel jack system that can be operated by driver from in side the car.

- **Designing and Development of a Mini Plastic Shredder Machine by using CATIA-V(During 6<sup>th</sup>sem)**

The use of plastic is increasing day to day life in present scenario which causes a serious environment issues, for this propose we need to make eco-friendly environment by recyclic possible waste plastic. The propose of our study is to development design and fabrication of cost effective plastic shredder machine. It is single shaft mechanism which can be useful for micro, small and medium enterprises.

### **On Board Diagnosis Of a Solar Green Powered Vehicle (During final year)**

The idea of this project is to design a solar car that aims to tackle the problems related to pollution and shortage of fuel. This Project gives a design of more sophisticated safety features and means of monitoring the vehicles performance and drivers vitals. This design also adds remote monitoring facility to monitor the vehicle and the driver via cloud. Safety system includes sensing speed of vehicle approaching to perform safe cuts and lane change over. This also includes sensing objects in the proximity of the vehicle which helps in parking and driving in heavy traffic. An Emergency Shutdown System is designed to stop the vehicle at the flick of a switch when it is out of control.

## **PERSONAL STRENGTHS**

- |                  |                      |                   |
|------------------|----------------------|-------------------|
| ● Hard working   | Good Communication   | Positive Attitude |
| ● Team players   | Good Leadership      |                   |
| ● Self motivated | Innovative thinking. | Quick Learner     |

## **INTEREST / ACTIVITY**

- Designing and Art
- Participating in social activities
- Volunteer work / community involvement
- Club membership

## **HOBBIES**

- |            |                |                   |
|------------|----------------|-------------------|
| ● Swimming | Sketching      | Teaching Kids     |
| ● Painting | Play Football. | Making Hand Craft |

## **PERSONAL DETAILS**

- Father's Name :- Basanta Kumar Sethi
- Date of birth. :- 06 – Feb - 1996
- Marital status. :- Single
- Nationality :- Indian
- Gender :- Male
- Blood Group :- B+
- Religion :- Hindu

## **LANGUAGE**

- English, Hindi, Odia, Others.

## **SOCIAL MEDIA**

- <https://www.linkedin.com/in/jagabandhu-sethi-5171a1194>

Signature